

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L16	112	(US-20020118920-\$ or US-20020134138-\$ or US-20020154413-\$ or US-20020191911-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030076598-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-3980391-\$ or US-4021099-\$ or US-4050782-\$ or US-4102559-\$ or US-4128302-\$ or US-4178066-\$ or US-4181439-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4406732-\$ or US-4449535-\$ or US-4479697-\$ or US-4496211-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$).did. or (US-4773722-\$ or US-4816670-\$ or US-4818049-\$ or US-4818860-\$ or US-4830454-\$ or US-4834484-\$ or US-4842390-\$ or US-4846543-\$ or US-4892375-\$ or US-4914284-\$ or US-4957342-\$ or US-4961622-\$ or US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5101457-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5402510-\$ or US-5432880-\$).did. or (US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5815318-\$ or US-5896475-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6075650-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6349159-\$ or US-6366176-\$ or US-6438290-\$ or US-6445844-\$ or US-6469835-\$ or US-6490040-\$).did. or (US-6500000-\$ or US-6500001-\$ or US-6500002-\$ or US-6500003-\$ or US-6500004-\$ or US-6500005-\$ or US-6500006-\$ or US-6500007-\$ or US-6500008-\$ or US-6500009-\$ or US-6500010-\$ or US-6500011-\$ or US-6500012-\$ or US-6500013-\$ or US-6500014-\$ or US-6500015-\$ or US-6500016-\$ or US-6500017-\$ or US-6500018-\$ or US-6500019-\$ or US-6500020-\$ or US-6500021-\$ or US-6500022-\$ or US-6500023-\$ or US-6500024-\$ or US-6500025-\$ or US-6500026-\$ or US-6500027-\$ or US-6500028-\$ or US-6500029-\$ or US-6500030-\$ or US-6500031-\$ or US-6500032-\$ or US-6500033-\$ or US-6500034-\$ or US-6500035-\$ or US-6500036-\$ or US-6500037-\$ or US-6500038-\$ or US-6500039-\$ or US-6500040-\$ or US-6500041-\$ or US-6500042-\$ or US-6500043-\$ or US-6500044-\$ or US-6500045-\$ or US-6500046-\$ or US-6500047-\$ or US-6500048-\$ or US-6500049-\$ or US-6500050-\$ or US-6500051-\$ or US-6500052-\$ or US-6500053-\$ or US-6500054-\$ or US-6500055-\$ or US-6500056-\$ or US-6500057-\$ or US-6500058-\$ or US-6500059-\$ or US-6500060-\$ or US-6500061-\$ or US-6500062-\$ or US-6500063-\$ or US-6500064-\$ or US-6500065-\$ or US-6500066-\$ or US-6500067-\$ or US-6500068-\$ or US-6500069-\$ or US-6500070-\$ or US-6500071-\$ or US-6500072-\$ or US-6500073-\$ or US-6500074-\$ or US-6500075-\$ or US-6500076-\$ or US-6500077-\$ or US-6500078-\$ or US-6500079-\$ or US-6500080-\$ or US-6500081-\$ or US-6500082-\$ or US-6500083-\$ or US-6500084-\$ or US-6500085-\$ or US-6500086-\$ or US-6500087-\$ or US-6500088-\$ or US-6500089-\$ or US-6500090-\$ or US-6500091-\$ or US-6500092-\$ or US-6500093-\$ or US-6500094-\$ or US-6500095-\$ or US-6500096-\$ or US-6500097-\$ or US-6500098-\$ or US-6500099-\$ or US-6500100-\$ or US-6500101-\$ or US-6500102-\$ or US-6500103-\$ or US-6500104-\$ or US-6500105-\$ or US-6500106-\$ or US-6500107-\$ or US-6500108-\$ or US-6500109-\$ or US-6500110-\$ or US-6500111-\$ or US-6500112-\$ or US-6500113-\$ or US-6500114-\$ or US-6500115-\$ or US-6500116-\$ or US-6500117-\$ or US-6500118-\$ or US-6500119-\$ or US-6500120-\$ or US-6500121-\$ or US-6500122-\$ or US-6500123-\$ or US-6500124-\$ or US-6500125-\$ or US-6500126-\$ or US-6500127-\$ or US-6500128-\$ or US-6500129-\$ or US-6500130-\$ or US-6500131-\$ or US-6500132-\$ or US-6500133-\$ or US-6500134-\$ or US-6500135-\$ or US-6500136-\$ or US-6500137-\$ or US-6500138-\$ or US-6500139-\$ or US-6500140-\$ or US-6500141-\$ or US-6500142-\$ or US-6500143-\$ or US-6500144-\$ or US-6500145-\$ or US-6500146-\$ or US-6500147-\$ or US-6500148-\$ or US-6500149-\$ or US-6500150-\$ or US-6500151-\$ or US-6500152-\$ or US-6500153-\$ or US-6500154-\$ or US-6500155-\$ or US-6500156-\$ or US-6500157-\$ or US-6500158-\$ or US-6500159-\$ or US-6500160-\$ or US-6500161-\$ or US-6500162-\$ or US-6500163-\$ or US-6500164-\$ or US-6500165-\$ or US-6500166-\$ or US-6500167-\$ or US-6500168-\$ or US-6500169-\$ or US-6500170-\$ or US-6500171-\$ or US-6500172-\$ or US-6500173-\$ or US-6500174-\$ or US-6500175-\$ or US-6500176-\$ or US-6500177-\$ or US-6500178-\$ or US-6500179-\$ or US-6500180-\$ or US-6500181-\$ or US-6500182-\$ or US-6500183-\$ or US-6500184-\$ or US-6500185-\$ or US-6500186-\$ or US-6500187-\$ or US-6500188-\$ or US-6500189-\$ or US-6500190-\$ or US-6500191-\$ or US-6500192-\$ or US-6500193-\$ or US-6500194-\$ or US-6500195-\$ or US-6500196-\$ or US-6500197-\$ or US-6500198-\$ or US-6500199-\$ or US-6500200-\$ or US-6500201-\$ or US-6500202-\$ or US-6500203-\$ or US-6500204-\$ or US-6500205-\$ or US-6500206-\$ or US-6500207-\$ or US-6500208-\$ or US-6500209-\$ or US-6500210-\$ or US-6500211-\$ or US-6500212-\$ or US-6500213-\$ or US-6500214-\$ or US-6500215-\$ or US-6500216-\$ or US-6500217-\$ or US-6500218-\$ or US-6500219-\$
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L17	75	L16 and (detector or photo\$diode or receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:36
L18	82	L16 and (detector or photo\$diode or receiver or photo\$detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 09:35
L19	7	L18 not L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 09:35
L20	81	L16 and focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:09
L21	59	L20 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:09
L22	10	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with radius)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:09
L23	222	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with (distance or length))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:45
L24	88	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:03

L25	3	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with distance) same splic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:05
L26	22	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same distance same splic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:05
L27	395	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same ((light or signal) with (annular or ring))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:10
L28	229	(optical adj fiber) same ((detector or photo\$diode or photo\$detector) with ((light or signal) with (annular or ring)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:24
L29	1	(optical adj fiber) same ((detector or photo\$diode or photo\$detector) with power with splic\$4 with tap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:27
L30	91	(optical adj fiber) same ((detector or photo\$diode or photo\$detector) with power with tap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:27
L31	1352	(optical adj fiber) with (end or butt) with coupl\$3 with (detector or photo\$diode or photo\$detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:28
L32	67	(optical adj fiber) with (end or butt) with coupl\$3 with (detector or photo\$diode or photo\$detector) with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:32

L33	6	(optical adj fiber) with end with (detector or photo\$diode or photo\$detector) with power with (legth or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:36
L34	1195	optical with power with detector with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:36
L37	82	L16 and (detector or photo\$didoe or receiver or photo\$detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:29
L38	81	L16 and focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:29
L39	29	L16 and (focal adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:31
L40	22	L39 and L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:31

S2	97	("5596198" "4776340" "5266811" "5281805" "5640380" "4315147" "5250796" "5475210" "5652655" "5761229" "5771254" "4387973" "4433913" "4596466" "4800269" "5206708" "5293393" "5305294" "5346789" "5394385" "5448161" "5470690" "5530577" "5809050" "5835514" "5953477" "6094265" "6144791" "6174424" "6199985" "6222970" "6222970" "4357104" "4370058" "4464572" "4468093" "4551629" "4596051" "4595839" "4597349" "4763969" "4826316" "4876569" "4929822" "4947036" "5216248" "5229806" "5247493" "5293372" "5499098").pn. ("5555339" "5568458" "5581094" "5598394" "5612780" "5631885" "5719948" "5740148" "5867586" "5910837" "5956139" "6043482" "6115555" "6172745" "6175409" "6211996" "6219475" "6211996" "6219475" "6243509" "4256403" "4271536" "4277846" "4282408" "4300133" "4333178" "4365864" "4380240" "4451785" "4463253" "4505572" "4510938" "4511248" "4516252" "4516022" "4518259" "4521681" "4532634" "4553848" "4577189" "4591241" "4596460" "4604637" "4609816" "4611124" "4628197" "4629903" "4762418" "4764015" "4783852").pn.	USPAT	OR	OFF	2004/12/08 14:40
S3	19	("5953477").URPN.	USPAT	OR	OFF	2004/12/08 14:49
S4	35	("3796905" "3874783" "3906241" "3910677" "4191446" "4380365" "4449535" "4573761" "4615581" "4654532" "4707134" "4812003" "4816670" "4914284" "4919891" "4979797" "4995691" "5011254" "5011279" "5037180" "5074632" "5112127" "5146917" "5166756" "5196005" "5253312" "5263952" "5269777" "5330465" "5402508" "5404218" "5421928" "5432880" "5710626" "5764840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/08 15:12

S5	9	((("6253004") or ("4834484") or ("4961622") or ("5052772") or ("5896475") or ("3419321") or ("3848970") or ("3980391") or ("4128302")).PN.	US-PGPUB; USPAT	OR	OFF	2004/12/08 15:19
S6	2	S5 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:26
S7	92	(US-20020110320-\$ or US-20030072526-\$ or US-20040114860-\$).did. or (US-1202223-\$ or US-2101016-\$ or US-2405989-\$ or US-2458401-\$ or US-3419321-\$ or US-3547526-\$ or US-3848970-\$ or US-3980391-\$ or US-4027945-\$ or US-4099848-\$ or US-4128302-\$ or US-4181439-\$ or US-4314760-\$ or US-4476519-\$ or US-4483585-\$ or US-4505539-\$ or US-4556787-\$ or US-4576436-\$ or US-4771415-\$ or US-4834484-\$ or US-4961622-\$ or US-4963022-\$ or US-4997250-\$ or US-5052772-\$ or US-5293395-\$ or US-5418631-\$).did. or (US-5604592-\$ or US-5612099-\$ or US-5638396-\$ or US-5729024-\$ or US-5781304-\$ or US-5793489-\$ or US-5814152-\$ or US-5818062-\$ or US-5835514-\$ or US-5896475-\$ or US-5929436-\$ or US-5956143-\$ or US-5970189-\$ or US-5974211-\$ or US-6108497-\$ or US-6360039-\$ or US-6496621-\$ or US-6536959-\$ or US-6567584-\$ or US-6780274-\$).did. or (WO-200205004-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:26

S8	46	(US-20020110320-\$ or US-20030072526-\$ or US-20040114860-\$).did. or (US-1202223-\$ or US-2101016-\$ or US-2405989-\$ or US-2458401-\$ or US-3419321-\$ or US-3547526-\$ or US-3848970-\$ or US-3980391-\$ or US-4027945-\$ or US-4099848-\$ or US-4128302-\$ or US-4181439-\$ or US-4314760-\$ or US-4476519-\$ or US-4483585-\$ or US-4505539-\$ or US-4556787-\$ or US-4576436-\$ or US-4771415-\$ or US-4834484-\$ or US-4961622-\$ or US-4963022-\$ or US-4997250-\$ or US-5052772-\$ or US-5293395-\$ or US-5418631-\$).did. or (US-5604592-\$ or US-5612099-\$ or US-5638396-\$ or US-5729024-\$ or US-5781304-\$ or US-5793489-\$ or US-5814152-\$ or US-5818062-\$ or US-5835514-\$ or US-5896475-\$ or US-5929436-\$ or US-5956143-\$ or US-5970189-\$ or US-5974211-\$ or US-6108497-\$ or US-6360039-\$ or US-6496621-\$ or US-6536959-\$ or US-6567584-\$ or US-6780274-\$).did. or (WO-200205004-\$).did.	USPAT	OR	OFF	2004/12/08 15:25
S9	30	S7 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S10	2	("6496621").URPN.	USPAT	OR	OFF	2004/12/08 15:36
S11	6	("5381499" "5504826" "5661835" "5963696" "6064786" "6264377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/08 15:37
S12	964	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:18
S13	27	S12 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:45
S14	0	("2004/0047535").URPN.	USPAT	OR	OFF	2004/12/08 15:58

S15	83	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:47
S16	66	S15 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:27
S17	60	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/08 16:47

S18	0	S17 and (((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:47
S19	225	((fiber\$1 or fibre\$1 or wave\$guide\$1) and (back with reflect\$5)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S20	51	S19 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S21	964	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S22	27	S21 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S23	83	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S24	66	S23 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16

S25	60	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 08:16
S26	870	S21 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:20
S27	110	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) and ((optical with (fiber\$1 or fibre\$1) or wave\$guide\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:19

S28	110	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:25
S29	27	S28 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:25
S30	129	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:45
S31	46	S30 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:47
S32	16728	len\$2 same (detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:48
S33	16585	S32 not (S25 or S24 or S22 or S30 or S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:47
S34	2366	S33 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S35	384	S33 and 385/33,35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49

S36	8882	len\$2 same (detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:48
S37	1691	S36 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S38	292	S36 and 385/33,35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S39	98	S38 and (back with (reflect\$4 or coupl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 10:26
S40	8	("5546486").URPN.	USPAT	OR	OFF	2004/12/09 09:08
S41	6	("3883353" "4581528" "4747660" "4812005" "5073002" "5208876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 09:09
S42	0	("2004/0126059").URPN.	USPAT	OR	OFF	2004/12/09 09:39
S43	153	S38 not S39	USPAT	OR	OFF	2004/12/09 09:39
S44	6	("4830454").URPN.	USPAT	OR	OFF	2004/12/09 09:45
S45	5	("3628027" "4256365" "4380365" "4721353" "4753521").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 09:46

S46	80	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$ or US-20030138210-\$ or US-20030053751-\$ or US-20020118920-\$ or US-20030012513-\$ or US-20040101247-\$ or US-20040126059-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$ or US-5013120-\$ or US-6168319-\$ or US-4021099-\$ or US-4050782-\$).did. or (US-4290667-\$ or US-4479697-\$ or US-4978190-\$ or US-5546486-\$ or US-6469835-\$ or US-4637681-\$ or US-4773722-\$ or US-4830454-\$ or US-5900986-\$ or US-4957342-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 10:24
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S47	38	S46 and (back with (reflect\$4 or coupl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
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S48	80	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$ or US-20030138210-\$ or US-20030053751-\$ or US-20020118920-\$ or US-20030012513-\$ or US-20040101247-\$ or US-20040126059-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$ or US-5013120-\$ or US-6168319-\$ or US-4021099-\$ or US-4050782-\$).did. or (US-4290667-\$ or US-4479697-\$ or US-4978190-\$ or US-5546486-\$ or US-6469835-\$ or US-4637681-\$ or US-4773722-\$ or US-4830454-\$ or US-5900986-\$ or US-4957342-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 13:36
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S49	26	S48 and (annular or ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
S50	13	S48 and ((annular or ring) with light\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
S52	32	US-6536959-\$.DID. OR US-3271631-\$.DID. OR US-3936742-\$.DID. OR US-4408871-\$.DID. OR US-4490618-\$.DID. OR US-4678269-\$.DID. OR US-4681414-\$.DID. OR US-4755036-\$.DID. OR US-4765703-\$.DID. OR US-4816912-\$.DID. OR US-4818058-\$.DID. OR US-4829537-\$.DID. OR US-4842390-\$.DID. OR US-4894785-\$.DID. OR US-4935029-\$.DID. OR US-4943128-\$.DID. OR US-4976727-\$.DID. OR US-5001323-\$.DID. OR US-5029101-\$.DID. OR US-5029973-\$.DID. OR US-5047076-\$.DID. OR US-5170406-\$.DID. OR US-5312398-\$.DID. OR US-5354323-\$.DID. OR US-5400145-\$.DID. OR US-5402258-\$.DID. OR US-5404869-\$.DID. OR US-5414600-\$.DID. OR US-5415652-\$.DID. OR US-5430634-\$.DID. OR US-5458594-\$.DID. OR US-5467104-\$.DID.	USPAT	OR	ON	2005/06/21 15:29

S53	32	US-5470314-\$.DID. OR US-5491344-\$.DID. OR US-5495576-\$.DID. OR US-5509095-\$.DID. OR US-5530709-\$.DID. OR US-5577492-\$.DID. OR US-5594752-\$.DID. OR US-5596339-\$.DID. OR US-5600126-\$.DID. OR US-5613769-\$.DID. OR US-5659327-\$.DID. OR US-5676453-\$.DID. OR US-5677920-\$.DID. OR US-5773817-\$.DID. OR US-5777342-\$.DID. OR US-5790576-\$.DID. OR US-5793783-\$.DID. OR US-5799543-\$.DID. OR US-5802092-\$.DID. OR US-5806955-\$.DID. OR US-5832055-\$.DID. OR US-5836667-\$.DID. OR US-5861995-\$.DID. OR US-5866911-\$.DID. OR US-5936777-\$.DID. OR US-5952668-\$.DID. OR US-5993466-\$.DID. OR US-5993467-\$.DID. OR US-5998215-\$.DID. OR US-6008781-\$.DID. OR US-6075650-\$.DID. OR US-6139517-\$.DID.	USPAT	OR	ON	2005/06/21 15:35
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S54	32	US-6160916-\$.DID. OR US-6186648-\$.DID. OR US-6222864-\$.DID. OR US-6254563-\$.DID. OR US-6259104-\$.DID. OR US-6317103-\$.DID. OR US-6324326-\$.DID. OR US-6349159-\$.DID. OR US-6356572-\$.DID. OR US-6366338-\$.DID. OR US-6410213-\$.DID. OR US-6411835-\$.DID. OR US-4317085-\$.DID. OR US-4466694-\$.DID. OR US-4660207-\$.DID. OR US-4675058-\$.DID. OR US-4784722-\$.DID. OR US-4885592-\$.DID. OR US-4901327-\$.DID. OR US-4943970-\$.DID. OR US-4956844-\$.DID. OR US-5031187-\$.DID. OR US-5052016-\$.DID. OR US-5056098-\$.DID. OR US-5062115-\$.DID. OR US-5068869-\$.DID. OR US-5079774-\$.DID. OR US-5115442-\$.DID. OR US-5117469-\$.DID. OR US-5140605-\$.DID. OR US-5157537-\$.DID. OR US-5158908-\$.DID.	USPAT	OR	ON	2005/06/21 15:36
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S55	32	US-5212706-\$.DID. OR US-5216263-\$.DID. OR US-5216680-\$.DID. OR US-5237581-\$.DID. OR US-5245622-\$.DID. OR US-5258990-\$.DID. OR US-5262360-\$.DID. OR US-5285466-\$.DID. OR US-5293392-\$.DID. OR US-5317170-\$.DID. OR US-5317587-\$.DID. OR US-5325386-\$.DID. OR US-5331654-\$.DID. OR US-5737074-\$.DID. OR US-5737183-\$.DID. OR US-5349599-\$.DID. OR US-5351256-\$.DID. OR US-5359447-\$.DID. OR US-5359618-\$.DID. OR US-5363397-\$.DID. OR US-5373520-\$.DID. OR US-5773522-\$.DID. OR US-5376580-\$.DID. OR US-5386426-\$.DID. OR US-5390209-\$.DID. OR US-5796508-\$.DID. OR US-5404373-\$.DID. OR US-5412678-\$.DID. OR US-5412680-\$.DID. OR US-5416044-\$.DID. OR US-5428634-\$.DID. OR US-5438584-\$.DID.	USPAT	OR	ON	2005/06/21 15:36
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S56	32	US-5446754-\$.DID. OR US-5465263-\$.DID. OR US-5475701-\$.DID. OR US-5493577-\$.DID. OR US-5497390-\$.DID. OR US-5513202-\$.DID. OR US-5530715-\$.DID. OR US-5555255-\$.DID. OR US-5557626-\$.DID. OR US-5561683-\$.DID. OR US-5567980-\$.DID. OR US-5568498-\$.DID. OR US-5568499-\$.DID. OR US-5574738-\$.DID. OR US-5581571-\$.DID. OR US-5586131-\$.DID. OR US-5590145-\$.DID. OR US-5598100-\$.DID. OR US-5606572-\$.DID. OR US-5625729-\$.DID. OR US-5642376-\$.DID. OR US-5645462-\$.DID. OR US-5646978-\$.DID. OR US-5648978-\$.DID. OR US-5679963-\$.DID. OR US-5692083-\$.DID. OR US-5696023-\$.DID. OR US-5699373-\$.DID. OR US-5712188-\$.DID. OR US-5726805-\$.DID. OR US-5727013-\$.DID. OR US-5727014-\$.DID.	USPAT	OR	ON	2005/06/21 15:37
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S57	32	US-5774487-\$.DID. OR US-5778018-\$.DID. OR US-5781575-\$.DID. OR US-5784399-\$.DID. OR US-4790733-\$.DID. OR US-5805624-\$.DID. OR US-5818066-\$.DID. OR US-5828684-\$.DID. OR US-5838705-\$.DID. OR US-5838715-\$.DID. OR US-5892784-\$.DID. OR US-5892727-\$.DID. OR US-5896408-\$.DID. OR US-5901166-\$.DID. OR US-5903588-\$.DID. OR US-5903589-\$.DID. OR US-5903590-\$.DID. OR US-5908408-\$.DID. OR US-5936266-\$.DID. OR US-5940422-\$.DID. OR US-5953362-\$.DID. OR US-5978401-\$.DID. OR US-5978408-\$.DID. OR US-5995531-\$.DID. OR US-6002705-\$.DID. OR US-6008675-\$.DID. OR US-6014395-\$.DID. OR US-6043104-\$.DID. OR US-6046065-\$.DID. OR US-6055262-\$.DID. OR US-6052398-\$.DID. OR US-6060743-\$.DID.	USPAT	OR	ON	2005/06/21 15:37
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S58	32	US-6078601-\$.DID. OR US-6086263-\$.DID. OR US-6133590-\$.DID. OR US-6144682-\$.DID. OR US-6154480-\$.DID. OR US-6185241-\$.DID. OR US-6191890-\$.DID. OR US-6208681-\$.DID. OR US-6212312-\$.DID. OR US-6238944-\$.DID. OR US-6269109-\$.DID. OR US-6297068-\$.DID. OR US-6302596-\$.DID. OR US-6339496-\$.DID. OR US-6369403-\$.DID. OR US-6372533-\$.DID. OR US-6392257-\$.DID. OR US-6410941-\$.DID. OR US-6411638-\$.DID. OR US-6427066-\$.DID. OR US-6455879-\$.DID. OR US-6459709-\$.DID. OR US-6459713-\$.DID. OR US-6462360-\$.DID. OR US-6472694-\$.DID. OR US-6477285-\$.DID. OR US-6487230-\$.DID. OR US-6487231-\$.DID. OR US-6490711-\$.DID. OR US-6493371-\$.DID. OR US-6493372-\$.DID. OR US-6493173-\$.DID.	USPAT	OR	ON	2005/06/21 15:38
S59	8	US-6496621-\$.DID. OR US-6498358-\$.DID. OR US-6501973-\$.DID. OR US-6515308-\$.DID. OR US-6535541-\$.DID. OR US-6542531-\$.DID. OR US-6567435-\$.DID. OR US-6536959-\$.DID.	USPAT	OR	ON	2005/06/21 15:38
S60	2	((("20010004414") or ("20030072526"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/21 15:39
S61	233	S52 S53 S54 S55 S56 S57 S58 S59 S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 15:40

S62	32	US-6536959-\$.DID. OR US-3271631-\$.DID. OR US-3936742-\$.DID. OR US-4408871-\$.DID. OR US-4490618-\$.DID. OR US-4678269-\$.DID. OR US-4681414-\$.DID. OR US-4755036-\$.DID. OR US-4765703-\$.DID. OR US-4816912-\$.DID. OR US-4818058-\$.DID. OR US-4829537-\$.DID. OR US-4842390-\$.DID. OR US-4894785-\$.DID. OR US-4935029-\$.DID. OR US-4943128-\$.DID. OR US-4976727-\$.DID. OR US-5001323-\$.DID. OR US-5029101-\$.DID. OR US-5029973-\$.DID. OR US-5047076-\$.DID. OR US-5170406-\$.DID. OR US-5312398-\$.DID. OR US-5354323-\$.DID. OR US-5400145-\$.DID. OR US-5402258-\$.DID. OR US-5404869-\$.DID. OR US-5414600-\$.DID. OR US-5415652-\$.DID. OR US-5430634-\$.DID. OR US-5458594-\$.DID. OR US-5467104-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S63	32	US-5470314-\$.DID. OR US-5491344-\$.DID. OR US-5495576-\$.DID. OR US-5509095-\$.DID. OR US-5530709-\$.DID. OR US-5577492-\$.DID. OR US-5594752-\$.DID. OR US-5596339-\$.DID. OR US-5600126-\$.DID. OR US-5613769-\$.DID. OR US-5659327-\$.DID. OR US-5676453-\$.DID. OR US-5677920-\$.DID. OR US-5773817-\$.DID. OR US-5777342-\$.DID. OR US-5790576-\$.DID. OR US-5793783-\$.DID. OR US-5799543-\$.DID. OR US-5802092-\$.DID. OR US-5806955-\$.DID. OR US-5832055-\$.DID. OR US-5836667-\$.DID. OR US-5861995-\$.DID. OR US-5866911-\$.DID. OR US-5936777-\$.DID. OR US-5952668-\$.DID. OR US-5993466-\$.DID. OR US-5993467-\$.DID. OR US-5998215-\$.DID. OR US-6008781-\$.DID. OR US-6075650-\$.DID. OR US-6139517-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S64	32	US-6160916-\$.DID. OR US-6186648-\$.DID. OR US-6222864-\$.DID. OR US-6254563-\$.DID. OR US-6259104-\$.DID. OR US-6317103-\$.DID. OR US-6324326-\$.DID. OR US-6349159-\$.DID. OR US-6356572-\$.DID. OR US-6366338-\$.DID. OR US-6410213-\$.DID. OR US-6411835-\$.DID. OR US-4317085-\$.DID. OR US-4466694-\$.DID. OR US-4660207-\$.DID. OR US-4675058-\$.DID. OR US-4784722-\$.DID. OR US-4885592-\$.DID. OR US-4901327-\$.DID. OR US-4943970-\$.DID. OR US-4956844-\$.DID. OR US-5031187-\$.DID. OR US-5052016-\$.DID. OR US-5056098-\$.DID. OR US-5062115-\$.DID. OR US-5068869-\$.DID. OR US-5079774-\$.DID. OR US-5115442-\$.DID. OR US-5117469-\$.DID. OR US-5140605-\$.DID. OR US-5157537-\$.DID. OR US-5158908-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S65	32	US-5212706-\$.DID. OR US-5216263-\$.DID. OR US-5216680-\$.DID. OR US-5237581-\$.DID. OR US-5245622-\$.DID. OR US-5258990-\$.DID. OR US-5262360-\$.DID. OR US-5285466-\$.DID. OR US-5293392-\$.DID. OR US-5317170-\$.DID. OR US-5317587-\$.DID. OR US-5325386-\$.DID. OR US-5331654-\$.DID. OR US-5737074-\$.DID. OR US-5737183-\$.DID. OR US-5349599-\$.DID. OR US-5351256-\$.DID. OR US-5359447-\$.DID. OR US-5359618-\$.DID. OR US-5363397-\$.DID. OR US-5373520-\$.DID. OR US-5773522-\$.DID. OR US-5376580-\$.DID. OR US-5386426-\$.DID. OR US-5390209-\$.DID. OR US-5796508-\$.DID. OR US-5404373-\$.DID. OR US-5412678-\$.DID. OR US-5412680-\$.DID. OR US-5416044-\$.DID. OR US-5428634-\$.DID. OR US-5438584-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S66	32	US-5446754-\$.DID. OR US-5465263-\$.DID. OR US-5475701-\$.DID. OR US-5493577-\$.DID. OR US-5497390-\$.DID. OR US-5513202-\$.DID. OR US-5530715-\$.DID. OR US-5555255-\$.DID. OR US-5557626-\$.DID. OR US-5561683-\$.DID. OR US-5567980-\$.DID. OR US-5568498-\$.DID. OR US-5568499-\$.DID. OR US-5574738-\$.DID. OR US-5581571-\$.DID. OR US-5586131-\$.DID. OR US-5590145-\$.DID. OR US-5598100-\$.DID. OR US-5606572-\$.DID. OR US-5625729-\$.DID. OR US-5642376-\$.DID. OR US-5645462-\$.DID. OR US-5646978-\$.DID. OR US-5648978-\$.DID. OR US-5679963-\$.DID. OR US-5692083-\$.DID. OR US-5696023-\$.DID. OR US-5699373-\$.DID. OR US-5712188-\$.DID. OR US-5726805-\$.DID. OR US-5727013-\$.DID. OR US-5727014-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S67	32	US-5774487-\$.DID. OR US-5778018-\$.DID. OR US-5781575-\$.DID. OR US-5784399-\$.DID. OR US-4790733-\$.DID. OR US-5805624-\$.DID. OR US-5818066-\$.DID. OR US-5828684-\$.DID. OR US-5838705-\$.DID. OR US-5838715-\$.DID. OR US-5892784-\$.DID. OR US-5892727-\$.DID. OR US-5896408-\$.DID. OR US-5901166-\$.DID. OR US-5903588-\$.DID. OR US-5903589-\$.DID. OR US-5903590-\$.DID. OR US-5908408-\$.DID. OR US-5936266-\$.DID. OR US-5940422-\$.DID. OR US-5953362-\$.DID. OR US-5978401-\$.DID. OR US-5978408-\$.DID. OR US-5995531-\$.DID. OR US-6002705-\$.DID. OR US-6008675-\$.DID. OR US-6014395-\$.DID. OR US-6043104-\$.DID. OR US-6046065-\$.DID. OR US-6055262-\$.DID. OR US-6052398-\$.DID. OR US-6060743-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S68	32	US-6078601-\$.DID. OR US-6086263-\$.DID. OR US-6133590-\$.DID. OR US-6144682-\$.DID. OR US-6154480-\$.DID. OR US-6185241-\$.DID. OR US-6191890-\$.DID. OR US-6208681-\$.DID. OR US-6212312-\$.DID. OR US-6238944-\$.DID. OR US-6269109-\$.DID. OR US-6297068-\$.DID. OR US-6302596-\$.DID. OR US-6339496-\$.DID. OR US-6369403-\$.DID. OR US-6372533-\$.DID. OR US-6392257-\$.DID. OR US-6410941-\$.DID. OR US-6411638-\$.DID. OR US-6427066-\$.DID. OR US-6455879-\$.DID. OR US-6459709-\$.DID. OR US-6459713-\$.DID. OR US-6462360-\$.DID. OR US-6472694-\$.DID. OR US-6477285-\$.DID. OR US-6487230-\$.DID. OR US-6487231-\$.DID. OR US-6490711-\$.DID. OR US-6493371-\$.DID. OR US-6493372-\$.DID. OR US-6493173-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
S69	8	US-6496621-\$.DID. OR US-6498358-\$.DID. OR US-6501973-\$.DID. OR US-6515308-\$.DID. OR US-6535541-\$.DID. OR US-6542531-\$.DID. OR US-6567435-\$.DID. OR US-6536959-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
S70	2	((("20010004414") or ("20030072526"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:57
S71	233	S62 S63 S64 S65 S66 S67 S68 S69 S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 09:57
S72	72	S71 and (annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:00

S73	38	S71 and (annular with (light or beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:00
S74	25	("4516022" "4617926" "4660925" "4678268" "4733937" "4740047").PN. OR ("4842390").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:01
S75	11	("5381499" "5504826" "5661835" "5963696" "6064786" "6264377").PN. OR ("6496621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:09
S76	705	coupl\$3 same (fiber or waveguide or fibre) same (lens with convex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:12
S77	9	coupl\$3 same (fiber or waveguide or fibre) same (lens with convex) same (annular with (light or beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:13
S78	3	((("6459708") or ("5812581") or ("20050013539")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 13:18
S79	0	("2005/0013539").URPN.	USPAT	OR	ON	2005/06/22 13:26
S80	410	((annular with (light or beam)) same (fiber or fibre) same lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 13:30
S81	57983	"385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 13:46
S82	1	("6496621").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 13:47
S83	11	("5381499" "5504826" "5661835" "5963696" "6064786" "6264377").PN. OR ("6496621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 13:47

S84	410	((annular with (light or beam)) same (fiber or fibre) same lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:09
S85	11	((annular with (light or beam)) same (fiber or fibre) same (axicon with lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:00
S86	0	("2004/0264854").URPN.	USPAT	OR	ON	2005/06/22 14:01
S87	2	((("3419321") or ("3947093")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 14:06
S88	32	("1988946" "3419321" "3547526" "3632955" "3826561").PN. OR ("3947093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:07
S89	5795	((annular with (light or beam)) same ((fiber or fibre) with coupl\$4 lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:09
S90	16	((annular with (light or beam)) same ((fiber or fibre) with coupled with lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:11
S91	151	(convex with lens) same coupled same (fiber or fibre) same (source or laser or LED or diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:12
S92	22	(convex with lens) same coupled same (fiber or fibre) same (source or laser or LED or diode) same detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:23
S93	1	("6496621").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 14:30
S94	47	source same ((fiber or fibre) with adjacent with lens) same detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:31

S95	85	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:05
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S96	22	S95 and (laser same (LED or diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 16:18
S97	51	S95 and (source with fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 16:18

S98	85	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/28 08:18
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S99	85	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/28 08:20
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S10 0	19	S98 and (focal adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:10
S10 1	1	S98 and ((focal adj point) with detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:25
S10 2	0	("2004/0126059").URPN.	USPAT	OR	ON	2005/06/28 08:56
S10 3	60	S98 and (fiber with lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:10
S10 4	31	S98 and (ring or annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:25
S10 5	14321	(conical or axicon or plano\$convex or (plano near2 convex) or (rotation\$3 near2 symmetric)) with (lens\$2 or prism)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 14:09
S10 6	1511	S105 and fiber and (photo\$diode or detector or receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 14:11
S10 7	1342	S106 and reflect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 14:11
S10 8	170	S106 and ("359"/.298,485,487, 577,580-581,642,708-712, 717-718,720,724,726-728.ccls. or 385/15,31,33-36,38-39,50.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:40
S10 9	0	("2004/0264855").URPN.	USPAT	OR	ON	2006/01/09 15:26

S11 0	0	("6961489").URPN.	USPAT	OR	ON	2006/01/09 15:27
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S11 2	172	S106 and ("359"/298,485,487, 577,580-581,642,708-712, 717-718,720,724,726-728.ccls. or 385/15,31,33-36,38-39,50.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:40
S11 3	2	S112 not S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:40
S11 4	9	S106 and "359"/652-654.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:41
S11 5	5	S114 not S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:41

S11 7	41	S106 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:52
S11 8	13	S117 not S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:50
S11 9	28	S117 not S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:52

S12 0	112	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$ or US-20020154413-\$ or US-20020191911-\$ or US-20030076598-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$ or US-4102559-\$ or US-4128302-\$ or US-4178066-\$ or US-4181439-\$ or US-4496211-\$ or US-4818049-\$ or US-4834484-\$ or US-4846543-\$ or US-4892375-\$ or US-4866622-\$ or US-5101457-\$ or US-5402510-\$ or US-5815318-\$ or US-6438790-\$).did. or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/09 15:55
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S12 1	42	S120 and (ring or annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 16:58
S12 2	49	S120 and (back with (coupl\$3 or reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 16:58